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(71) Applicants (for all designated States except US): **GLAXOSMITHKLINE BIOLOGICALS SA** [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE). **THE UNIVERSITY OF QUEENSLAND** [AU/AU]; Brisbane, Queensland QLD 4072 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BIEMANS, Ralph** [BE/BE]; GlaxoSmithKline Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE). **DENOEL, Philippe** [BE/BE]; GlaxoSmithKline Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE). **FERON, Christiane**

[BE/BE]; GlaxoSmithKline Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE). **GORAJ, Karine** [BE/BE]; GlaxoSmithKline Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE). **JENNINGS, Michael, Paul** [AU/AU]; The University of Queensland, Brisbane, Queensland QLD 4072 (AU). **POOLMAN, Jan** [NL/BE]; GlaxoSmithKline Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE). **WEYNANTS, Vincent** [BE/BE]; GlaxoSmithKline Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE).

(74) Agent: **STEPHEN, Robert, J.**; GlaxoSmithKline, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).

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(54) Title: **VACCINE COMPOSITION**

(57) Abstract: The present invention relates to the field of neisserial vaccine compositions, their manufacture, and the use of such compositions in medicine. More particularly it relates to processes of making novel engineered meningococcal strains which are less phase variable in terms of their LOS immunotype, and from which novel LOS subunit or meningococcal outer-membrane vesicle (or bleb) vaccines can be derived.



WO 2004/015099 A2